

Frederick Flood Damage Report

Road Name: Godding Hollow Parkway (WCR 18) between East Frontage Road and Silver Birch (WCR 11)

Current Damage/Condition: Approximately 225' of damaged roadway including a 30' length of the entire width of the road washed out and needs to be replaced.

Drivable: No

Repair Proposal: The road will be replaced to its previous condition with the addition of a box culvert that will be able to handle the 100 year storm event. This section design would be based on the one planned for the Godding Hollow Project from Colorado Blvd. to the East Frontage Road that has been on the Capital Improvement Plan.

There is no reasonable interim fix available for this road due to the extensive repairs necessary.

Road Classification: FHWA Funding

Flood Zone: Zone A of Godding Hollow Drainage

Funding Sources: FHWA, Storm Water Fund, Street & Alley Fund, and Insurance Claim (CIRSA)

Priority: 1

Design Cost: \$ 18,000*

Design Timeline - Including Bid: 3 weeks*

Construction Cost: \$660,000*

Construction Timeline: 4 months*



*All design and construction costs and timelines are subject to change based on weather, contractor availability as well as funding sources and availability.

Frederick Flood Damage Report

Road Name: Aggregate Blvd (WCR 7) from approximately WCR 20.5 to Highway 119

Current Damage/Condition: Approximately 1100' of damaged roadway including various sections of the roadway washed to varying extent. These and other sections may need to be replaced.

Drivable: No

Repair Proposal: An interim emergency repair is proposed to make the road passible to traffic while the final design is prepared. The interim repair would consist of backfilling the washed out areas with structural fill and road base to final grade. The interim repairs will be incorporated as much as possible into the final improvements.

The road will be replaced to its previous condition with the addition of storm drainage improvements cable of accommodating the 100 year storm event.

Road Classification: FHWA Funding

Flood Zone: Zone A of Boulder Creek/Idaho Creek

Funding Sources: FHWA, Storm Water Fund, Street & Alley Fund, and Insurance Claim (CIRSA)

Priority: 2 (Interim) 5 (Final)

Design Cost: \$ 24,000*

Design Timeline - Including Bid: 4 weeks*

Construction Cost: \$ 240,000 Interim, \$ 150,000 Final*

Construction Timeline: 2 months Interim, 1 month Final*



*All design and construction costs and timelines are subject to change based on weather, contractor availability as well as funding sources and availability.

Frederick Flood Damage Report

Road Name: Wetlands Loop between W. Conservation Drive and Wetlands Drive

Current Damage/Condition: Approximately 220' of sidewalk and damaged roadway including 43' of the roadway washed out leaving it impassable.

Drivable: No

Repair Proposal:

An interim emergency repair is proposed to make the road passible to traffic while the final design is prepared and repairs to Bella Rosa Pkwy/WCR20 are constructed. This route is necessary as a detour to Bella Rosa Pkwy/WCR20 during that project. The interim repair would consist of backfilling the washed out areas with structural fill and road base to final grade and installation of concrete barrier along the area of the washed out sidewalk.

The road section needs a complete overhaul including verification that a new design can handle the 100 year storm as well as ensuring that neighboring property will not be flooded with this design.

Road Classification: Possible FEMA Funding

Flood Zone: Zone A of NoName Creek Drainage

Funding Sources: FEMA, Storm Water Fund, Street & Alley Fund, and Insurance Claim (CIRSA)

Priority: 3 (Interim), 6 (Final)

Design Cost: \$5000 Interim, \$20,000 Final*

Design Timeline - Including Bid: 4 days, Interim 1 month Final*

Construction Cost: \$15,000 Interim, \$320,000 Final*

Construction Timeline: 1 week Interim, 2 months Final*



*All design and construction costs and timelines are subject to change based on weather, contractor availability as well as funding sources and availability.

Frederick Flood Damage Report

Road Name: Bella Rosa (WCR 20) between Conservation Drive and Wetland Drive

Current Damage/Condition: Various sections of the road were washed out and undermined. The Town was able to make an interim emergency repair to allow traffic to continue on the road after it was deemed temporarily safe.

Drivable: Yes

Repair Proposal: The road will be replaced to its previous condition with the addition of a box culvert that will be able to handle the 100 year storm event. This section design would be based on the section included in the Capital Improvement Plan.

Road Classification: FHWA Funding

Flood Zone: Zone A of NoName Creek Drainage

Funding Sources: FHWA, Storm Water Fund, Street & Alley Fund, and Insurance Claim (CIRSA)

Priority: 4

Design Cost: \$ 35,000*

Design Timeline - Including Bid: 4 weeks*

Construction Cost: \$ 665,000*

Construction Timeline: 2 months*



*All design and construction costs and timelines are subject to change based on weather, contractor availability as well as funding sources and availability.

Frederick Flood Damage Report

Road Name: Tipple Parkway (WCR 16) between East Frontage Road and Eagle Blvd.

Current Damage/Condition: The road section was washed out leaving it impassable. One of the oil and gas entities made interim emergency repairs to the road section but it still needs further repairs.

Drivable: Yes

Repair Proposal: The road will be replaced to its previous condition with the addition of a box culvert that will be able to handle the 100 year storm event. This section design would be based on the section included in the Capital Improvement Plan.

Road Classification: Possible FEMA Funding

Flood Zone: Zone A of Godding Hollow Drainage

Funding Sources: FEMA, Storm Water Fund, Street & Alley Fund, and Insurance Claim (CIRSA)

Priority: 7

Design Cost: \$ 32,000*

Design Timeline - Including Bid: 4 weeks*

Construction Cost: \$650,000*

Construction Timeline: 3 months*



*All design and construction costs and timelines are subject to change based on weather, contractor availability as well as funding sources and availability.

Frederick Flood Damage Report

Facility Name: Stormwater System

Current Damage/Condition: Two stormwater basins between WCR15 and Frederick Way Breached.

Functioning: No

Repair Proposal: The basins need a complete overhaul including reconstruction of the breached walls and verification of capacity for a 100 year storm.

Structure Classification: Possible FEMA Funding

Funding Sources: FEMA, Stormwater Fund, Open Space or Park Funds, and Insurance Claim (CIRSA)

Priority: 8

Design Cost: TBD

Design Timeline - Including Bid: TBD

Construction Cost: TBD

Construction Timeline: TBD



Frederick Flood Damage Report

Road Name: Sidewalk sections

Current Damage/Condition: Various sections of sidewalk have been damaged including the northern trail connection between Raspberry Hill and Eagle Valley.

Walkable: No

Repair Proposal: The sidewalk section need to be replaced to restore trail connectivity.

Structure Classification: Possible FEMA Funding

Funding Sources: FEMA, Open Space or Park Funds, and Insurance Claim (CIRSA)

Priority: 9

Design Cost: TBD

Design Timeline - Including Bid: TBD

Construction Cost: TBD

Construction Timeline: TBD

